



Electronic Information Disclosure Statement

BACK-FLUSHABLE SPIRAL WOUND FILTER AND METHODS OF MAKING AND USING SAME

Application:



10/018923

Confirmation:

8210

Applicant(s):

PETER KNAPPE

Docket Number:

73995

Group Art Unit:

1723

Examiner:

search string:

(6120688).pn.

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TECHNOLOGY CENTER 1700

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
JWS	PO1	6120688	2000-09-19		DALY ET AL.	210	650

Signature

Examiner Name	Date
	9-11-2003

FORM PTO/SB/08A/B (10-04)
Substitute for PTO-1449A/B

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

O I P E
M A R 2 1 2002
P A T E N T / T R A D E M A R K O F F I C E

Attorney Docket Number	33683/TJD/T358
Application Number	10/018,923
Filing Date	December 19, 2001
Applicant(s)	Peter Knappe, et al.
Group Art Unit	Unknown 1723
Examiner Name	To Be Assigned DRDODGE

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - kind code ² (If known)	PUBLICATION DATE MM-DD-YYYY	CLASSIFICATION	NAME OF PATENTEE
JWD		3912624	10/14/1975	-	Jennings
		3966616	06/29/1976	-	Bray
		4548714	10/22/1985	-	Kirwan, Jr. et al.
		4687522	08/18/1987	-	Hayashi et al.
		4767539	03/30/1988	-	Ford
		5069793	12/03/1991	-	Kaschemekat et al.
		US005236643A	08/17/1993	-	Tseng et al.
		US005352362A	10/04/1994	-	Mizutani et al.
		US005576057A	11/19/1996	-	Hirose et al.
		US005614099A	03/25/1997	-	Hirose et al.
		US005639373A	06/17/1997	-	Mahendran et al.
		US005674398A	10/07/1997	-	Hirose et al.
		US005690830A	11/25/1997	-	Ohtani et al.
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		US005744039A	04/28/1998	-	Itoh et al.
		US005843351A	12/01/1998	-	Hirose et al.
		US005888605A	03/30/1999	V	Hachisuka et al.
JWD		US005910357A	06/08/1999	-	Hachisuka et al.

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	CLASSIFICATION
JWD		EP 0 581 544 A2	02-02-1994	Exxon Research and Engineering Co.	X
JWD		EP 0 584 411 A1	03-02-1994	Texaco Development Corporation	==

EXAMINER SIGNATURE	<i>Joseph Dodge</i>	DATE CONSIDERED	9-11-2003
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³ Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.			



**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)

PTO Form 1449

Atty Docket No. DI-5884	Application No. 10/155,660
Applicant Bowman, Jr., et al.	
Filing Date May 24, 2002	Group 1723

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document Number	Publication Date	Country	Class	Subclass	Translation	
						Yes	No
JWD	19814695 A1	October 14, 1999	Germany	—	—	—	—
	0 660 725 B1	July 5, 1995	EPO	—	—	—	—
	0 847 769 A	June 17, 1998	EPO	—	—	—	—
	0 856 320 A	August 5, 1998	EPO	—	—	—	—
	0 956 876 A1	November 17, 1999	EPO	—	—	—	—
JWD	11-347115	December 21, 1999	Japan	—	—	—	—

Examiner's Initials		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

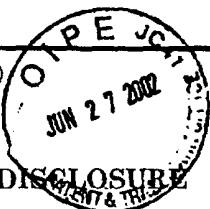
Examiner:	<u>Joseph Dodge</u>	Date Considered:	<u>9-19-2023</u>
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FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Attorney Docket Number	33683/TJD/T358
Application Number	10/018,923
Filing Date	December 19, 2001
Applicant(s)	Peter Knappe, et al.
Group Art Unit	1723
Examiner Name	To Be Assigned - DODGE

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	CITE NO. ¹	DOCUMENT NUMBER Number - kind code ² . (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
JWD		3386583	06/04/1968	Merten
		3813334	05/28/1974	Bray
		3933646	01/20/1976	Kanamaru et al.
		4668384	05/26/1987	Holman
		4834881	05/30/1989	Sawada et al.
		4872990	10/10/1989	Van Wijk
		5290446	03/01/1994	Degen et al.
JWD		US6190557B1	02/20/2001	Hisada et al.

FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	CITE NO. ¹	Foreign Patent Document Country Code ³ - Number ⁴ . Kind Code ⁵ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (<input checked="" type="checkbox"/>)

OTHER DOCUMENTS					
EXAMINER INITIALS	CITE NO. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
EXAMINER SIGNATURE	<i>Joseph Dodge</i>	DATE CONSIDERED		11-3 2003	

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FORM PTO/SB/08A/B (10-01)
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STATEMENT BY APPLICANT

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Attorney Docket Number	33683/TJD/T358
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Applicant(s)	Peter Knappe, et al.
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FOREIGN PATENT DOCUMENTS

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EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ <input checked="" type="checkbox"/>
JWD		EP 0 669 159 A1	08-30-1995	DIC Degremont KK	-
JWD		WO 95/32041	11-30-1995	Memtec America Corporation	-
JWD		JP 10235164 A	09-08-1998		- Abstract

OTHER DOCUMENTS

EXAMINER INITIALS	CITE NO. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
JWD		KOCH advertisement, ULTRAPURE WATER, May/June 1998
JWD		KOCH Membrane Systems, Inc. Article - "RomiPure Ultrafiltration" - The Solution for Effective RO Pretreatment, KPN 0679197, 2 pgs., Pub Date Unknown
JWD		IWAHORI, et al., "An Effective Method of Water Treatment with a Novel Back-washable Spiral-wound UF Module", pub. San Diego Proceedings, 1999, 12 pages

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